

FIG. 1A
(PRIOR ART)

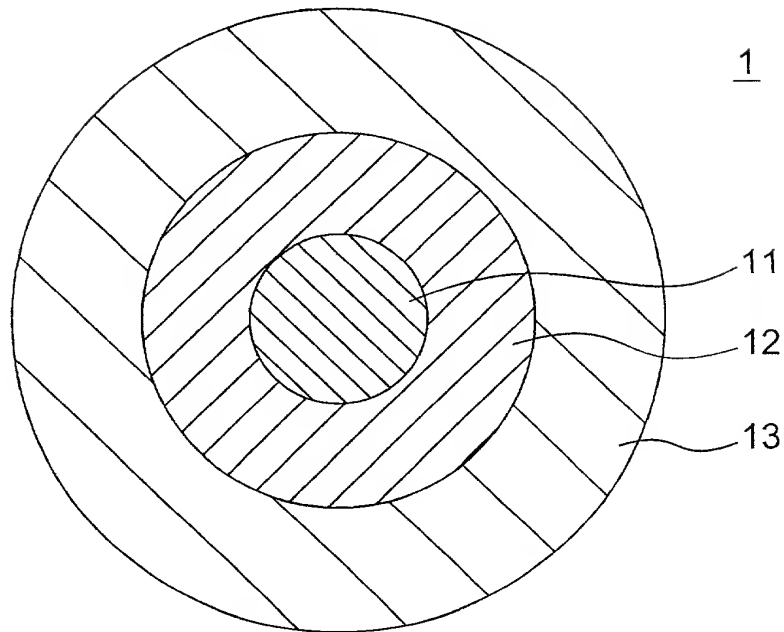


FIG. 1B

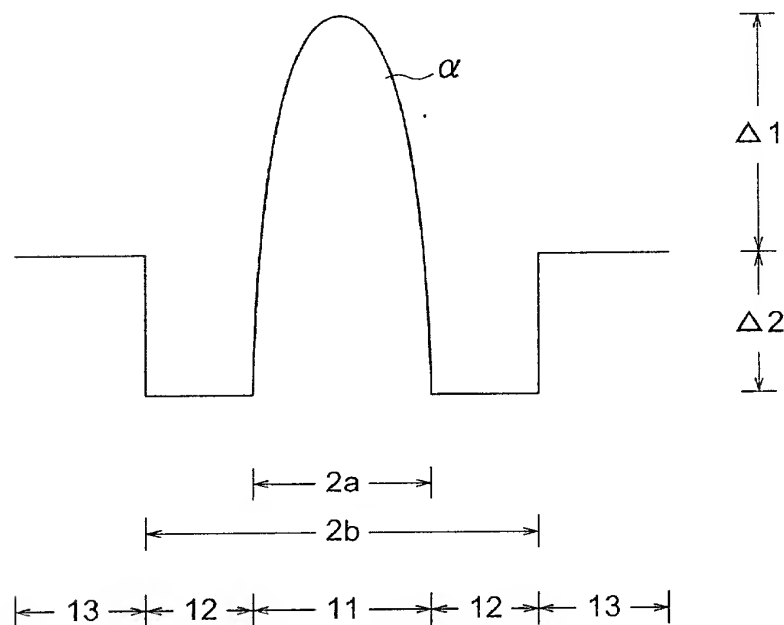


Figure 1 is a line graph showing the relationship between the Dispersion-compensation rate CR (%) and the Apparent refractive index difference $\Delta 1$ (%). The x-axis represents the Apparent refractive index difference $\Delta 1$ (%) and ranges from 0.7 to 2.1. The left y-axis represents the Dispersion-compensation rate CR (%) and ranges from 65 to 105. The right y-axis represents the Transmission loss (dB/km) and ranges from 0.15 to 0.45. Two curves are plotted: CVCR (Dispersion-compensation rate) and CVL (Transmission loss). CVCR starts at 100% for $\Delta 1 = 0.7\%$ and decreases to approximately 72% at $\Delta 1 = 2.1\%$. CVL starts at approximately 0.42 dB/km for $\Delta 1 = 0.7\%$ and decreases to approximately 0.20 dB/km at $\Delta 1 = 2.1\%$.

Apparent refractive index difference $\Delta 1$ (%)	Dispersion-compensation rate CR (%) (CVCR)	Transmission loss (dB/km) (CVL)
0.7	100	0.42
0.9	98	0.38
1.1	95	0.34
1.3	90	0.30
1.5	85	0.26
1.7	80	0.22
1.9	75	0.20
2.1	72	0.20

APPARENT REFRACTIVE INDEX DIFFERENCE $\Delta 1$ (%)

FIG. 3A

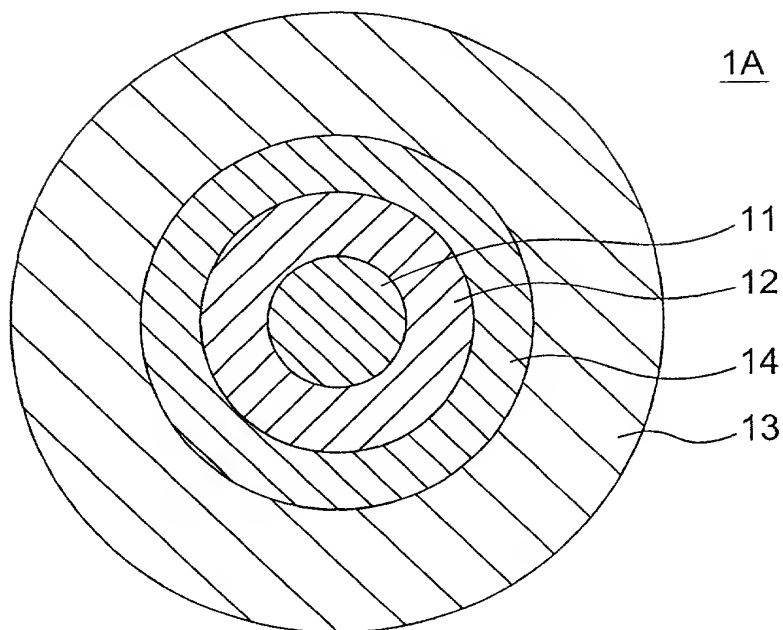


FIG. 3B

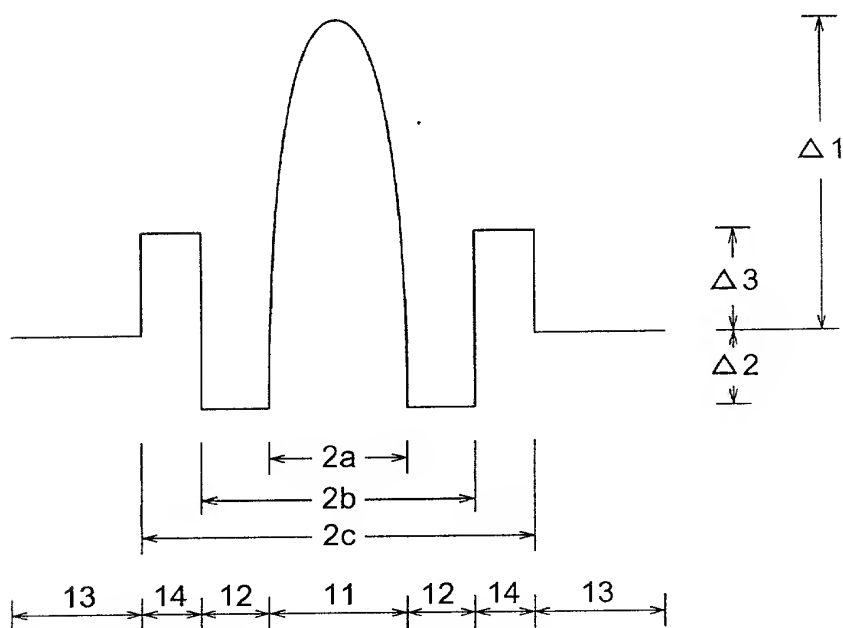


FIG. 4A



FIG. 4B

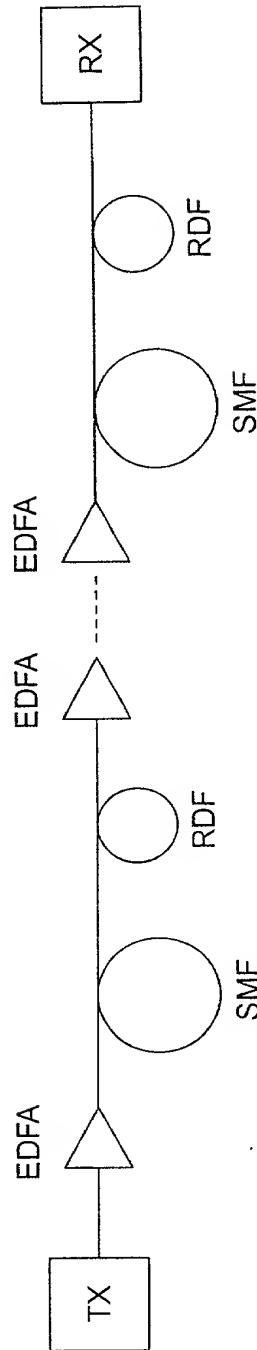


FIG. 5

